

Title (en)  
DISPLAY DEVICE

Title (de)  
ANZEIGEVORRICHTUNG

Title (fr)  
DISPOSITIF D'AFFICHAGE

Publication  
**EP 3651472 A4 20201118 (EN)**

Application  
**EP 17916624 A 20170706**

Priority  
KR 2017007272 W 20170706

Abstract (en)  
[origin: EP3651472A1] A display device includes a display unit, a Bluetooth module configured to perform Bluetooth communication with a remote control device or a mobile terminal, an IR module configured to receive an IR signal from the remote control device, and a controller configured to control the display unit, the Bluetooth module and the IR module. The controller may transmit, to the remote control device, a Bluetooth connection stop request signal for breaking Bluetooth connection with the remote control device, if the display device enters a speaker mode for outputting audio played by the mobile terminal.

IPC 8 full level  
**H04N 21/436** (2011.01); **H04N 21/41** (2011.01); **H04N 21/422** (2011.01); **H04N 21/43** (2011.01); **H04N 21/4363** (2011.01); **H04N 21/439** (2011.01); **H04W 84/18** (2009.01)

CPC (source: EP KR)  
**H04N 21/41** (2013.01 - EP KR); **H04N 21/4104** (2013.01 - EP); **H04N 21/41265** (2020.08 - EP); **H04N 21/42204** (2013.01 - EP); **H04N 21/4222** (2013.01 - EP KR); **H04N 21/43** (2013.01 - EP); **H04N 21/436** (2013.01 - EP); **H04N 21/43615** (2013.01 - EP KR); **H04N 21/43637** (2013.01 - EP KR); **H04N 21/439** (2013.01 - EP); **H04N 21/4394** (2013.01 - KR)

Citation (search report)

- [I] US 2016205148 A1 20160714 - LEE JAEHO [KR], et al
- [I] US 2016278151 A1 20160922 - KWON YOUNGHWAN [KR], et al
- [I] US 2003065806 A1 20030403 - THOMASON GRAHAM G [GB], et al
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3651472 A1 20200513; EP 3651472 A4 20201118**; CN 110178376 A 20190827; CN 110178376 B 20220603; KR 102479487 B1 20221221; KR 20200016825 A 20200217; WO 2019009453 A1 20190110

DOCDB simple family (application)  
**EP 17916624 A 20170706**; CN 201780068156 A 20170706; KR 2017007272 W 20170706; KR 20197015670 A 20170706